

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: UCF-269DIV (which is a divisional of application SN: 09/824,437 filed 04/02/2001 and SN: 60/194,828 filed 04/05/2000).

Filed: ___ / ___ / ___

First Named Inventor: NAZIM Z. MURADOV

For: THERMOCATALYTIC CO₂ FREE PRODUCTION OF HYDROGEN AND CARBON FROM HYDROCARBONS

Examiner: LANGEL, WAYNE A.

Group: 1754

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
and Trademarks
P O Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §§ 1.97 and 1.98, record is being made below in a form PTO-1449 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in § 1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. § 1.97(h), this Supplemental Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on the attached PCT-1449 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. § 1.56(b).

Copies of the cited references were previously submitted to the USPTO in the parent application No.: 09/824,437 filed April 2, 2001 and made of record. Applicants claim priority to said application under 35 U. S. C. §120. Accordingly, copies of those documents are not provided with this Statement pursuant to 37 CFR § 1.98(d).

It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in the case.

Respectfully submitted,



Brian S. Steinberger
Law Offices of Brian S. Steinberger, P.A.
PTO Registration No. 36,423
101 Brevard Avenue
Cocoa, Florida
(321) 633-5080 (321) 633-9322 Fax
Customer No.: 23717

Date: 10/10/03

**US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

APPLICANT: MURADOV
 FOR: THERMOCATALYTIC CO₂ FREE PRODUCTION OF HYDROGEN AND CARBON FROM
 HYDROCARBONS

LIST OF ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
wal AA	1,528,905	03/10/25	WOODRUFF			
wal AB	2,367,474	02/26/45	STEWART	196	52	
wal AC	2,476,729	07/19/49	HELMERS	196	52	
wal AD	4,256,606	03/17/81	NOACK	252	411	
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FOREIGN PATENT DOCUMENTS

NONE

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

- wal OA Callahan, CATALYTIC PYROLYSIS OF METHANE AND OTHER HYDROCARBONS,
Proc. Conference Power Source, v. 26. 1974
- wal OB Muradov, HOW TO PRODUCE HYDROGEN FROM FOSSIL FUELS WITHOUT CO₂
 EMISSION, *Int. J. Hydrogen Energy*, v. 18, No. 3, pp 211-215, 1993
- wal OC Gaudernack, HYDROGEN FROM NATURAL GAS WITHOUT RELEASE OF CO₂ TO THE
 ATMOSPHERE, *Hydrogen/Energy Progress XI*, Stuttgart, Germany 23 – 28 June 1996
- wal OD Poirier, CATALYTIC DECOMPOSITION OF NATURAL GAS TO HYDROGEN FOR FUEL
 CELL APPLICATIONS, *Int. J. Hydrogen Energy*, v. 22, No. 4, pp 429 – 433, 1997
- wal OE Muradov, CO₂-FREE PRODUCTION OF HYDROGEN BY CATALYTIC PYROLYSIS OF
 HYDROCARBON FUELS FOR TRANSPORTATION, *Hydrogen/Energy Progress XII*, Buenos Aires,
 Argentina, 21 – 26 June 1998
- wal OF Shpilrain, COMPARATIVE ANALYSIS OF DIFFERENT NATURAL GAS PYROLYSIS METHODS,
Int. J. Hydrogen Energy, v. 24, pp 613 – 624, 1999
- wal OG Steinberg, FOSSIL FUEL DECARBONIZATION TECHNOLOGY FOR MITIGATING GLOBAL
 WARMING, *Int. J. Hydrogen Energy*, v. 24, pp 771 - 777, 1999

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SUPPLEMENTAL FORM PTO-1449

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PATENT AND TRADEMARK OFFICE

LIST OF ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
AA	5,100,638	03/1992	LEVIN		423/445
AB	5,198,084	03/1993	CHA		423/650
AC	5,525,322	06/1996	WILLMS		423/653
AD	5,560,900	10/1996	GBORDZOE		423/650
AE	5,914,093	06/1999	NAKAMURA		423/458
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AG	6,395,197	5/2002	DETERING		252/373
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OTHER ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)